

# REDACTED

**From:** Leon Zavodnik  
**Sent:** Saturday, February 13, 2016 2:36 PM  
**To:** Paul Ayers <paul.ayers@basf.com>  
**Cc:** Abe Ahmed <abdallah.ahmed@basf.com>  
**Subject:** Modified one pager

Paul,

I added a few new sentences in RED as new items we discovered

Regards,  
**Leon Zavodnik**  
Operations Manager

Phone: +1 440 329-2592 Mobile: 440-821-6647 E-Mail: [leon.zavodnik@basf.com](mailto:leon.zavodnik@basf.com)  
Postal Address: BASF Corporation, Elyria, 44035 Elyria, USA

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# REDACTED

**From:** Mark S Goodman

**Sent:** Thursday, February 04, 2016 4:11 PM

**To:** Abe Ahmed <abdallah.ahmed@basf.com>; Tom Copa <thomas.copa@basf.com>; David D Hritsko <david.d.hritsko@basf.com>; Brian James Beller <brian.beller@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; Andrew Myers <andrew.myers@basf.com>; Leon Zavodnik <leon.zavodnik@basf.com>; William Owen Tuttle <william.o.tuttle@basf.com>; Jack A Pettry <jack.pettry@basf.com>; Andrea Bal <andrea.bal@basf.com>; Arthur J Hribar <art.hribar@basf.com>; Michael W Pence <mike.pence@basf.com>

**Subject:** Zr Pill Mix Contamination with PK Blender Liner Issues

The damaged liner from the South PK blender is starting to show up in the Zr pill mix at tableting in the North end. The amount of liner is worse than last time and is causing tableting issues. The liner pieces stop flow to the tablet machine and fines or caps are formed. Also no flow to a tablet machine reduces tooling life. A tableting machine hopper was drained today into a super sack and refed to the hopper through a screen. The screen plugged repeatedly and caused a bit of a mess since there was no control over the flow of material out of the super sack to the hopper. From one hopper there were approximately 150-200 small pieces of liner.

For now we are having the operator stay with the tablet machines when they are running and keep checking for plugged feed. If we can't find relief for the operator on lunch or break we should shutdown rather than make bad material for run the machines empty.

I am looking for suggestions on how to rescreen material safely while knowing we will blind a screen over.

All I can see with the equipment in the plant is to hand feed a screener so when the screen becomes blinded we can stop flow to the screener, shut the screener off, clean the screen, restart the screen then start feed again. What we need is a way to control feed to the screener that can be shut down quickly and prevent the supersack from flowing.

I am open to suggestions, please think about this problem and let me know your ideas.

**Mark Goodman**  
Production Engineer

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# REDACTED

**From:** Brian James Beller

**Sent:** Tuesday, January 19, 2016 1:42 PM

**To:** Leon Zavodnik <leon.zavodnik@basf.com>; Arthur J Hribar <art.hribar@basf.com>; Andrea Bal <andrea.bal@basf.com>; Mark S Goodman <mark.goodman@basf.com>; Andrew Myers <andrew.myers@basf.com>; Brian James Beller <brian.beller@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Robert Scoggins <robert.scoggins@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>

**Cc:** Abe Ahmed <abdallah.ahmed@basf.com>; Tom Copa <thomas.copa@basf.com>; David D Hritsko <david.d.hritsko@basf.com>

**Subject:** PK Blender Lining issues

Here are some pics of the PK lining issues. We were going to start making up pill mix this afternoon







Thanks

**Brian Beller**  
Group Lead - South Production

Phone: 1 (440) 329-2561, Mobile: 1 (440) 242-8048, Email: [brian.beller@basf.com](mailto:brian.beller@basf.com)  
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# REDACTED

**From:** Douglas Stock [mailto:douglas.stock@basf.com]  
**Sent:** Sunday, January 17, 2016 2:57 PM  
**To:** Leon Zavodnik <leon.zavodnik@basf.com>  
**Cc:** Andrea Bal <andrea.bal@basf.com>; Andrew Myers <andrew.myers@basf.com>; Arthur J Hribar <art.hribar@basf.com>; Brian James Beller <brian.beller@basf.com>; Jefferson Wilson Lewis <jefferson.lewis@basf.com>; John M Bodmann <john.bodmann@basf.com>; John E Peshek <john.e.peshek@basf.com>; Justin Quach <justin.quach@basf.com>; Kristen Kaput <kristen.kaput@basf.com>; Noemi N Trent <noemi.trent@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; William Grodecki <william.grodecki@basf.com>  
**Subject:** RE: Sunday South Catalyst Update

I will put in a WO right now to repair the PK end seals.  
Thanks,

**Douglas Stock**

Phone: +1 440 329-2563 Mobile: +1-440-420-7926 E-Mail: [douglas.stock@basf.com](mailto:douglas.stock@basf.com)  
Postal Address: BASF Corporation, Elyria, 44035 Elyria, USA

☞ Leon Zavodnik---01/17/2016 02:25:02 PM---We will have to get the PK seals fixed since Doug mentioned they are leaking. We also need to keep I

From: Leon Zavodnik/BASF-CATALYSTS/BASF@MSO365  
To: Douglas Stock/NA/BASF@BASF, Andrew Myers/NA/BASF@MSO365, Terrence M Vanderbosch/BASF-CATALYSTS/BASF@MSO365, Brian Beller/NA/BASF@MSO365, John E Peshek/NA/BASF@MSO365, Art Hribar/BASF-CATALYSTS/BASF@MSO365, Jefferson Lewis/NA/BASF@MSO365, John Bodmann/BASF-CATALYSTS/BASF@MSO365, Justin Quach/NA/BASF@MSO365, Kristen Kaput/NA/BASF@MSO365, William Grodecki/NA/BASF@MSO365, Andrea Bal/NA/BASF@MSO365  
Cc: Noemi Trent/BASF-CATALYSTS/BASF@MSO365  
Date: 01/17/2016 02:25 PM  
Subject: RE: Sunday South Catalyst Update

We will have to get the PK seals fixed since Doug mentioned they are leaking.

We also need to keep looking at the CTO as we should be getting more suction. Please walk down the lines to see if we are bleeding some air in. Is it possible the cold air bleed is letting in a little air so we are losing suction? We can also talk about increasing the fan speed tomorrow.

It may make sense to put in some taps so we can measure flows at various spots.

Regards;  
**Leon Zavodnik**  
Operations Manager

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**From:** Douglas Stock [<mailto:douglas.stock@basf.com>]

**Sent:** Sunday, January 17, 2016 2:18 PM

**To:** Leon Zavodnik <[leon.zavodnik@basf.com](mailto:leon.zavodnik@basf.com)>; Andrew Myers <[andrew.myers@basf.com](mailto:andrew.myers@basf.com)>; Terrence M VanDerbosch <[terrence.vanderbosch@basf.com](mailto:terrence.vanderbosch@basf.com)>; Brian James Beller <[brian.beller@basf.com](mailto:brian.beller@basf.com)>; John E Peshek <[john.e.peshek@basf.com](mailto:john.e.peshek@basf.com)>; Arthur J Hribar <[art.hribar@basf.com](mailto:art.hribar@basf.com)>; Jefferson Wilson Lewis <[jefferson.lewis@basf.com](mailto:jefferson.lewis@basf.com)>; John M Bodmann <[john.bodmann@basf.com](mailto:john.bodmann@basf.com)>; Justin Quach <[justin.quach@basf.com](mailto:justin.quach@basf.com)>; Kristen Kaput <[kristen.kaput@basf.com](mailto:kristen.kaput@basf.com)>; William Grodecki <[william.grodecki@basf.com](mailto:william.grodecki@basf.com)>; Andrea Bal <[andrea.bal@basf.com](mailto:andrea.bal@basf.com)>

**Subject:** Sunday South Catalyst Update

CTO - work has been completed and is back online.

Sly Scrubber - work has been completed and is back online.

Line #1 - starting back up D0713 batches on 2nd shift. We will not feed the calciner until Bodmann gives the okay.

Line #2 - continuing to make batches. Calciner is feeding.

Line #3 - not making any batches because there are 30+ bags on the floor. Calciner is not feeding because we are not getting enough suction off the CTO to support two calciners at once.

#5 RC - continuing to feed.

#6 RC - cleanup complete, waiting on MOD to set up the screener.

West Pfaudler - 1st impreg completed on dayshift. Monitoring the drying.

PK Blender - starting cleanup to prepare for Zr0403 batches. Chromic Acid tank level indicator still isn't functioning.

TK #4 - Line changed over except for the fines screen. Will start feeding material on 2nd shift.

Bldg 27 Belt Filter - not running until materials come in.

**Thanks,**

**Douglas Stock**

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Postal Address: BASF Corporation, Elyria, 44035 Elyria, USA

# REDACTED

From: Michael W Pence  
Sent: Wednesday, December 30, 2015 8:11 AM  
To: Jack A Pettry <jack.pettry@basf.com>; Robert Scoggins <robert.scoggins@basf.com>  
Cc: Brian James Beller <brian.beller@basf.com>; David P Allen <david.p.allen@basf.com>; Andrew Myers <andrew.myers@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; Tom Copa <thomas.copa@basf.com>; Abe Ahmed <abdallah.ahmed@basf.com>; Leon Zavodnik <leon.zavodnik@basf.com>; John E Peshek <john.e.peshek@basf.com>  
Subject: RE: Emailing: 1229150022 (003).jpg

Hi Rob

This particular bag is one of the main ones used at the Middle Georgia Clay Plants, they keep 10K of them in stock. These were brought in last year for Cu 6081 in S. Catalyst because of the heavier coating. If they work well for Catoxid, please use them. We can transfer more from the Midga Whse after the holiday.

In the interim, checking on what else may be out there. But as to other in house options, since the Cr 0218 is impregnated and not dried (no heat issues), wondering if the 48 cu ft lined bag that we use for SNAP products would be a good option? The liner is sewn in and it has a standard discharge spout. And, its overall height is close to what you're using now. Given how fine this powder is, would it be worth trying a few? Bag number 67004952 (0906118) ?

Thanks

---

Mike Pence, CPIM  
Supply Chain Planner, Process Catalysts

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-----Original Message-----

From: Jack A Pettry

Sent: Wednesday, December 30, 2015 7:34 AM

To: Robert Scoggins <robert.scoggins@basf.com>

Cc: Brian James Beller <brian.beller@basf.com>; David P Allen <david.p.allen@basf.com>; Andrew Myers <andrew.myers@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; Tom Copa <thomas.copa@basf.com>; Abe Ahmed <abdallah.ahmed@basf.com>; Leon Zavodnik <leon.zavodnik@basf.com>; John E Peshek <john.e.peshek@basf.com>; Michael W Pence <mike.pence@basf.com>

Subject: RE: Emailing: 1229150022 (003).jpg

We didn't run Cu 0808 on the North end. We use the std Cu 5020 bags for Cu 0808 on the South belt. The email is probably referring to the bags used for CuO. Mike can provide more detail.

Jack Pettry

Process Engineer

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-----Original Message-----

From: Robert Scoggins

Sent: Wednesday, December 30, 2015 7:20 AM

To: Jack A Pettry <jack.pettry@basf.com>

Cc: Brian James Beller <brian.beller@basf.com>; David P Allen <david.p.allen@basf.com>; Andrew Myers <andrew.myers@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; Tom Copa <thomas.copa@basf.com>; Abe Ahmed <abdallah.ahmed@basf.com>; Leon Zavodnik <leon.zavodnik@basf.com>; John E Peshek <john.e.peshek@basf.com>; Michael W Pence <mike.pence@basf.com>

Subject: FW: Emailing: 1229150022 (003).jpg

Jack,

Regarding Brian's message below about the alternate bags for calciner #5...are these special bags needed specifically for your 0808 trial next week or will this not be an issue if they are used for Catoxid? Please advise.

Rob

-----Original Message-----

From: Brian James Beller

Sent: Wednesday, December 30, 2015 4:11 AM

To: David P Allen <david.p.allen@basf.com>; Andrew Myers <andrew.myers@basf.com>; David D Hritsko <david.d.hritsko@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Gregory A Menz <gregory.menz@basf.com>; Robert Scoggins <robert.scoggins@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; Tom Copa <thomas.copa@basf.com>; Abe Ahmed <abdallah.ahmed@basf.com>; Leon Zavodnik <leon.zavodnik@basf.com>; Michele Barney <michele.barney@basf.com>; Noemi N Trent <noemi.trent@basf.com>; William Daniel Deisenroth <william.deisenroth@basf.com>

Cc: John E Peshek <john.e.peshek@basf.com>; Michael W Pence <mike.pence@basf.com>

Subject: RE: Emailing: 1229150022 (003).jpg

FYI,

We tried the bags that the North end is using on their belt filter and found that they are too tall to work with the hopper on #5. Allomong found another 120 style bag that was used on an 0808? Trial on the north end. We found a pallet in the warehouse and will try them tonight to see if they work better, they look to be glossy on the inside of the bag. If they do work, it would be nice to get a few hundred for this run of catoxid. I have attached a picture of the label.

Thanks

Brian Beller

Group Lead - South Production

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-----Original Message-----

From: David P Allen

Sent: Tuesday, December 29, 2015 9:38 AM

To: Andrew Myers <andrew.myers@basf.com>; Brian James Beller <brian.beller@basf.com>; David D Hritsko <david.d.hritsko@basf.com>; Douglas John Stock <douglas.stock@basf.com>; Gregory A Menz <gregory.menz@basf.com>; Robert Scoggins <robert.scoggins@basf.com>; Terrence M VanDerbosch <terrence.vanderbosch@basf.com>; Tom Copa <thomas.copa@basf.com>; Abe Ahmed <abdallah.ahmed@basf.com>; Leon Zavodnik <leon.zavodnik@basf.com>; Michele Barney <michele.barney@basf.com>; Noemi N Trent <noemi.trent@basf.com>; William Daniel Deisenroth <william.deisenroth@basf.com>

Cc: John E Peshek <john.e.peshek@basf.com>

Subject: Emailing: 1229150022 (003).jpg

In this picture you will see a small amount of Chrome material leaking through the seam of the bags off the PK blender in building 9. This is the correct bag for this process but still allows material to leak through the seams. We struggled with this issue in Copper dept. and after countless man hours I believe we have solved the problem in Copper and maybe we should use the same style bag for this material. I am sending this out to the leadership so we can discuss at the next J.T.E meeting.

Your message is ready to be sent with the following file or link attachments:

